



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:43 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 304 Const Calendar Day: 611 Date: 12-May-2011 Thursday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Mathur, Lalit

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60

Precipitation 0.00"

Condition Sunny w/high winds in the PM

Working Day ☒ If no, explain:

Diary:

Dispute

Work description.

- See Chris Havel and Abbas Iranmanesh's diaries for more details regarding ABF and Macalloy's equipment, labor, and operations for stressing (100% of Pjack) the North W2W and (25% of Pjack) the South W2E Hinge K Macalloy rods.
- Analyzed stressing procedures and performed independent elongation calculations for the Macalloy rods.
- Assisted Chris Havel with monitoring the Hinge K Macalloy rod stressing operation. It should be noted that 6 anchor rods in locations number 3 and 4 of the "Snugging" sequence for the W2E South Hinge K assembly had to be detensioned to turn the nut around. This was done due to the nut "divit" pattern was placed in the wrong direction. The "divit" pattern of the nut needs to be close to the bearing plates of the assembly box to enable the locking of the nut after stressing in the notched area of the jacking stool. ABF engineer Zach Lauria was onsite and aware of the issue during this part of the operation. There were other nuts that were previously "snug" against the bearing plates for this Hinge K assembly. These nuts potentially mitigated movement during destressing of the nuts that supported the dead load of the Hinge K assembly during erection and grouting. See photos below for more details.

Attachment



More Macalloy rod nuts at the W2E North Hinge K placed in the wrong direction.



ABF ironworkers in the process of stressing the Macalloy rods of the North W2W Hinge K assembly.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

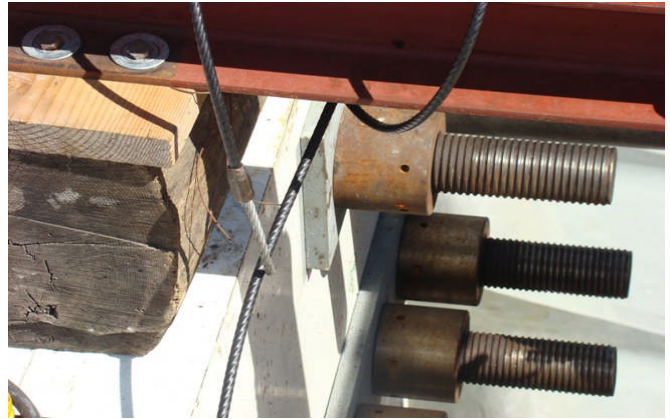
Inspector Name Bruce, Matt

Diary #: 304

Date: 12-May-2011 Thursday



Erection gantries removed from the W2E west deviation saddles yesterday immediately after stressing operations were completed.



A Macalloy rod nut at the W2E South Hinge K placed in the wrong direction, as the nut can't be tightened in the notch area of the jacking stool.



ABF ironworkers in the process of destressing a Macalloy rod at the South W2E Hinge K to turn the nut around so it can be tightened after stressing.



ABF ironworker placing the Macalloy rod nut in the correct direction at the South W2E Hinge K assembly.



Destressed Macalloy rod nut being removed and the divit pattern in the nut is being placed near the bearing plate.



Closeup of Macalloy rod and nut being placed.